



Product Evaluation

DR713 | 0215

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-713

Effective Date: February 1, 2015

Re-evaluation Date: August 2017

Product Name: Design Pro / Smooth Pro Fiberglass, Opaque, Inswing and Outswing Hinged Double Doors (Impact Resistant) with or without Non-Impact Resistant Sidelites

Manufacturer: JELD-WEN Windows & Doors
3737 Lakeport Blvd.
Klamath Falls, OR 97601
(800) 535-3936

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Fiberglass Doors, Inswing, X/OX/XO/OXO/OXX/XXO/OXXO	MST: 12'-5" x 6'-10" Missile Level D	+50 / -50 psf
2	Fiberglass Doors, OXXO, Outswing, X/OX/XO/OXO/OXX/XXO/OXXO	MST: 12'-5" x 6'-9" Missile Level D	+50 / -50 psf

Overall Dimensions:

System	Overall Size
1	148-5/8" x 81-7/8"
2	148-5/8" x 81-1/4"

Door Dimensions:

System	Panel Size	Maximum Daylight Opening Size
1	35-3/4" x 79-1/4"	N/A
2	35-3/4" x 79-1/4"	N/A

Sidelite Dimensions:

System	Panel Size	Maximum Daylight Opening Size
1	35-3/4" x 79-1/4"	21-1/8" x 63-3/16"
2	35-3/4" x 79-1/4"	21-1/8" x 63-3/16"

Hardware:

System	Component	Quantity	Attachment Method
1, 2	4" Butt Hinges	6	Secure to the door panel with four (4), No. 9 x 3/4" screws. Secure to the door frame jamb with three (3), No. 9 x 3/4" screws and one (1), No. 10 x 2" screw.
	Lock Strike Plate	1 required	Secure with two (2), No. 10 x 2" screws
	Deadbolt Strike Plate	1 required	Secure with two (2), No. 10 x 2" screws
	Kwikset Series 400 Lockset	1 Required	Secure with two (2), No. 10 x 2" screws
	Kwikset Series 780 Deadbolt	1 Required	Secure with two (2), No. 10 x 2" screws
	Shoot bolt strike plate at head	1 Required	Secure with two (2), No. 8 x 3" screws
	Shoot bolt strike plate at sill (inswing only)	1 Required	Secure with two (2), No. 12 x 3" screws
	Shoot bolt strike plate at sill (outswing only)	1 Required	Secure with two (2), No. 8 x 3" screws

Threshold:

System	Description
1	Inswing sill; Endura ZAIL 4565F; 4-9/16" x 1-3/8"
2	Outswing sill; AFCO J-2297; 5-5/8" x 1-7/16"

Product Identification (Certification Agency Label on Door):

System		
1, 2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	JELD-WEN
	Product Name	Design Pro /Smooth Pro Opaque Fiberglass Inswing or Outswing Fiberglass Door w/ or w/o Sidelites
	Test Standards	ASTM E330-02 ASTM E 1886-05/ASTM E 1996-06, Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	Yes – Doors No - Sidelites	<u>Doors:</u> The doors satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the doors at a height on the structure that does not exceed the design pressure rating for the assemblies. <u>Sidelites:</u> Provide an impact protective system when installing the product in areas that require windborne debris protection

Installation:

System		
1, 2	Type of Installation	Install the doors in accordance with Drawing No. AO10236, titled "Smooth Pro/Design Pro Opaque Impact WZ3 W/Non-Impact Full Lite Sidelites Up to 12'-0" x 6'-8". Outswing/Inswing," sheets 1 through 12, date October 10, 2013, signed and sealed by Alexis Spyrou, PE on January 9, 2014.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.